

# CLOUD-NATIVE OPEN RAN 4G/5G SOLUTIONS



OUR TECHNOLOGY

**bubble**  
**ran**

YOUR NETWORK

We are helping organizations to seamlessly build, operate, and automate their private 4G/5G network infrastructure by consolidating standard-compliant open RAN and cloud-native architectures with a green service management and orchestrator (SMO/MANO) offering more than 10x business agility and flexibility as well as network efficiency with lower carbon footprint for a wide range of R&D and enterprise use-cases from the lab to the production environment.



@BubbleRAN\_



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# OPEN RAN STUDIO

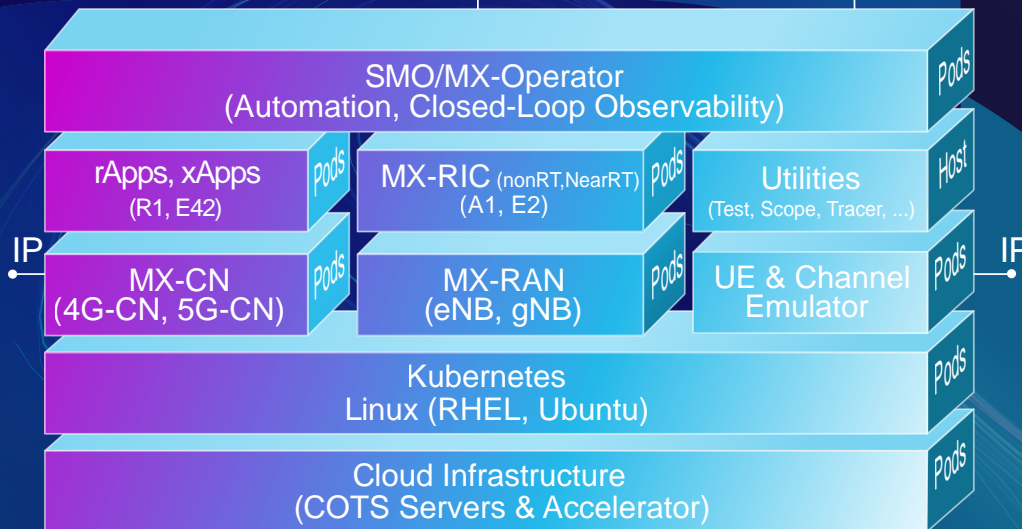
GUI/CLI/API+  
SDK/CDK+  
CI/CD+  
CRD+



Vendors  
Operators  
Developers



Artifact  
Registry



A realistic and standard-compliant environment and tool box for learning, experimentation and data collection at scale

Developers, vendors, and Operators are able to design, deploy, test, collect, analyze an end-to-end 3GPP and O-RAN compliant network tailored to their use-case.

**Develop  
& Onboard**

**Design  
Blueprint**

**Deploy &  
Operate**

**Measure  
& Test**

**Analyze  
& Evaluate**

## Salient Features

- 3GPP and O-RAN Compliant
- UE and Application in the loop
- Cloud-native and Multi-vendor
- Reusable rApps/xApps & toolbox

## Benefits

- High level of realism
- Easy to setup, learn, and run
- Dataset Collection
- Open Documentation and training

